

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

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Shelos

Applicant(s):

Shi, et al.

Title:

SYSTEM AND SOFTWARE FOR DATA COLLECTION AND PROCESS CONTROL IN SEMICONDUCTOR MANUFACTURING

AND METHOD THEREOF

Application No.: 09/905,220

Filed:

July 12, 2001

Examiner:

Alexander J. Kosowski

Group Art Unit: 2125

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Atty. Docket No.: 1458.TT4869

NOA Date:

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JUL 3 0 2003

Technology Center 2100

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Commissioner for Patents

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Alexandria, VA 22313-1450

SUBMISSION OF NEW FORMAL DRAWINGS

Transmitted herewith are twenty-two (22) sheets of new formal drawings containing Figs. 1; 2; 3; 4A & 4B; 5A & 5B; 6-20, respectively.

The new drawings correct informalities.

Respectfully submitted,

Date

Gustav Larson, Reg. No. 39,263

Attorney for Applicant(s) TOLER, LARSON & ABEL, L.L.P.

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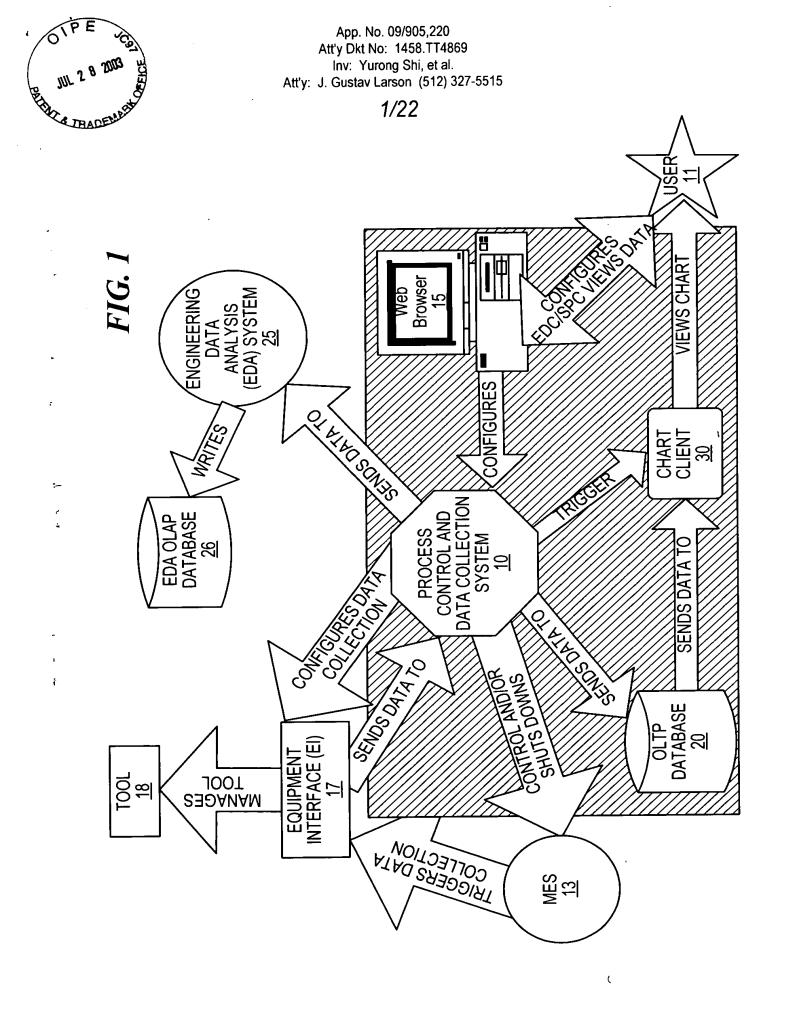
(512) 327-5452 (fax)

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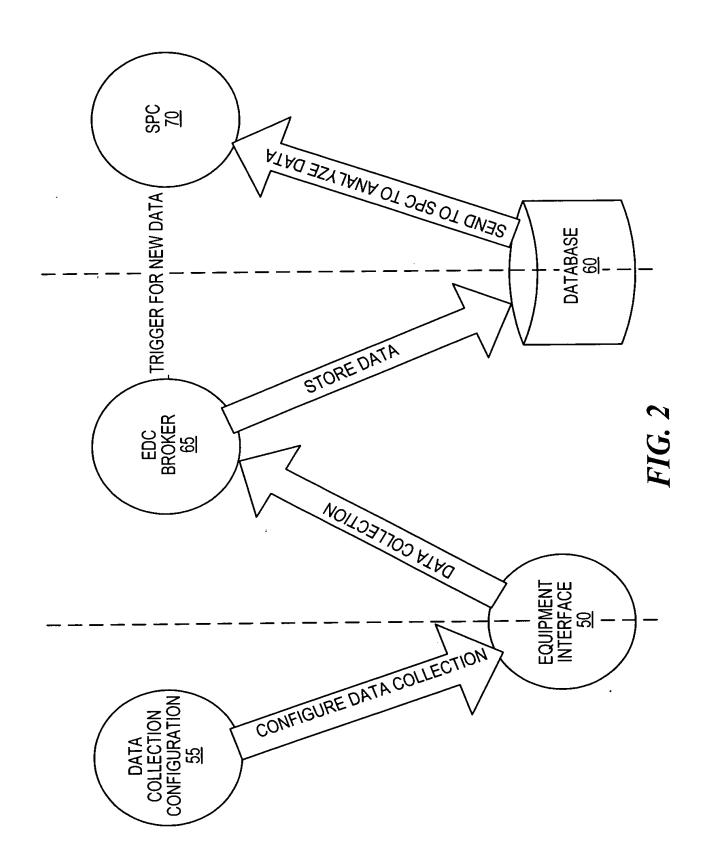
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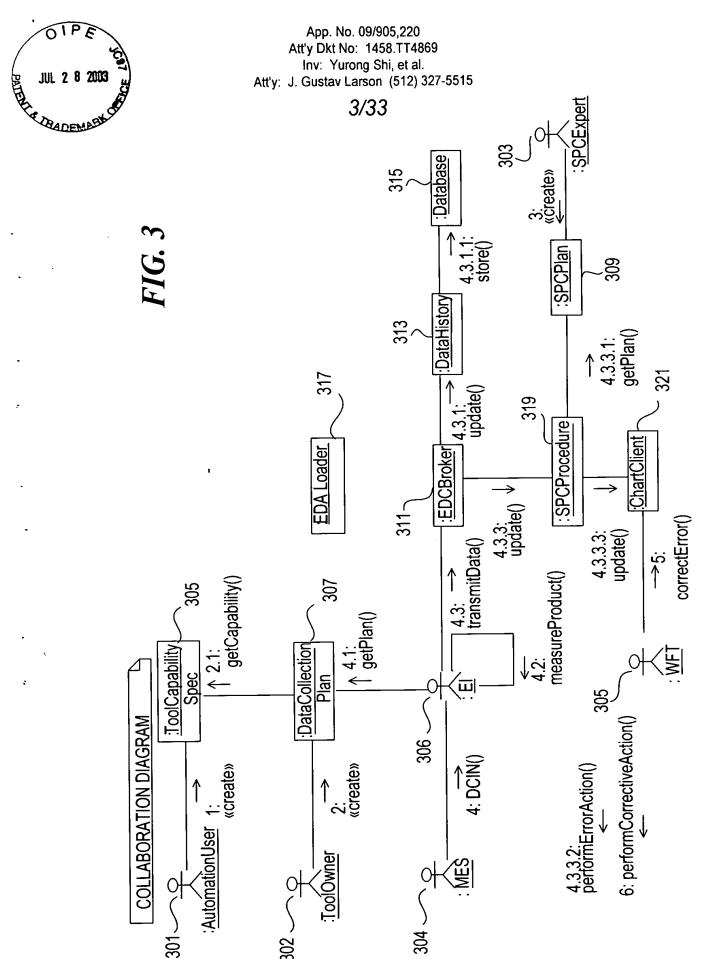
Signature

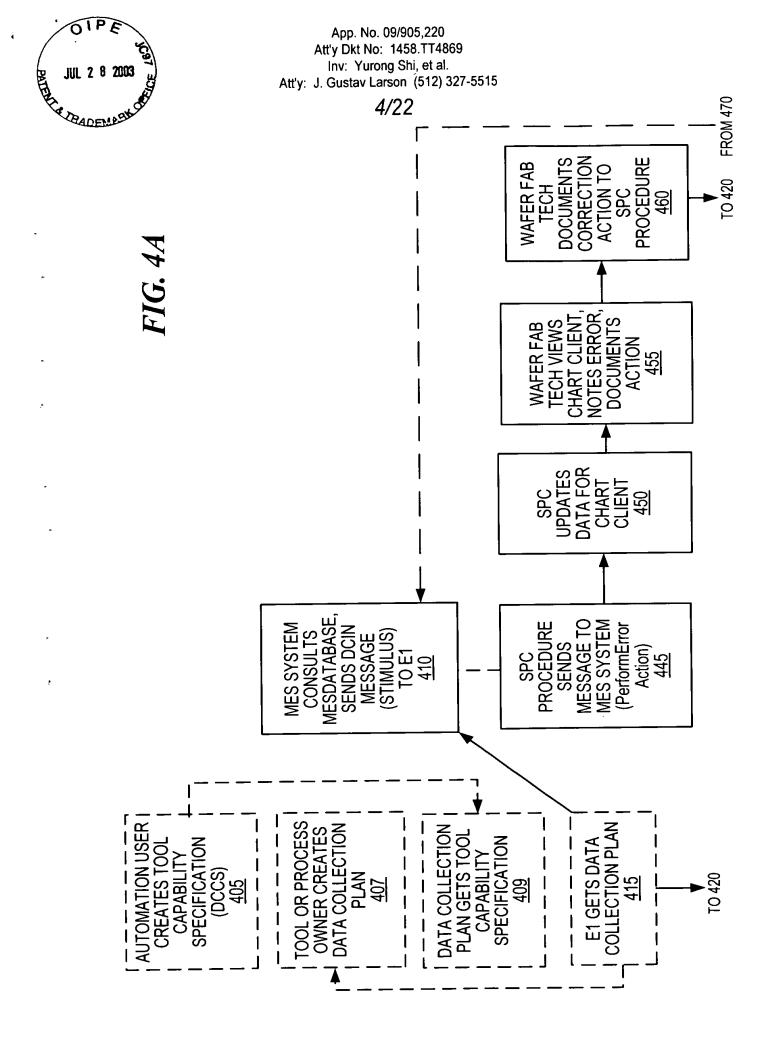


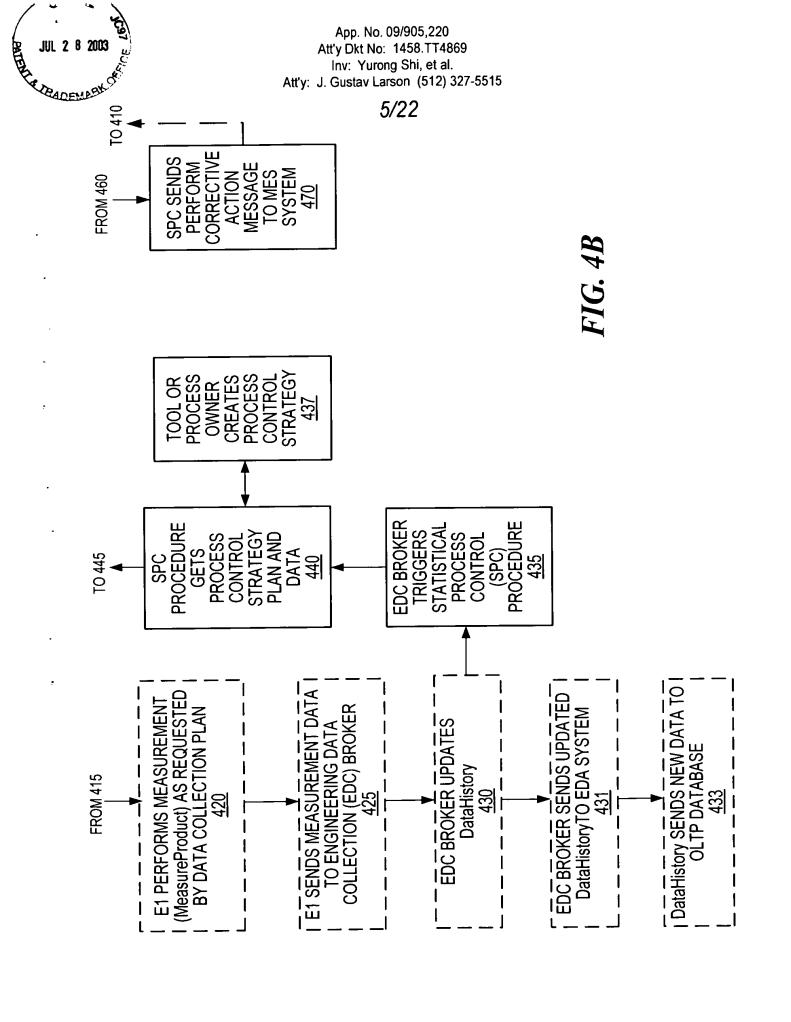
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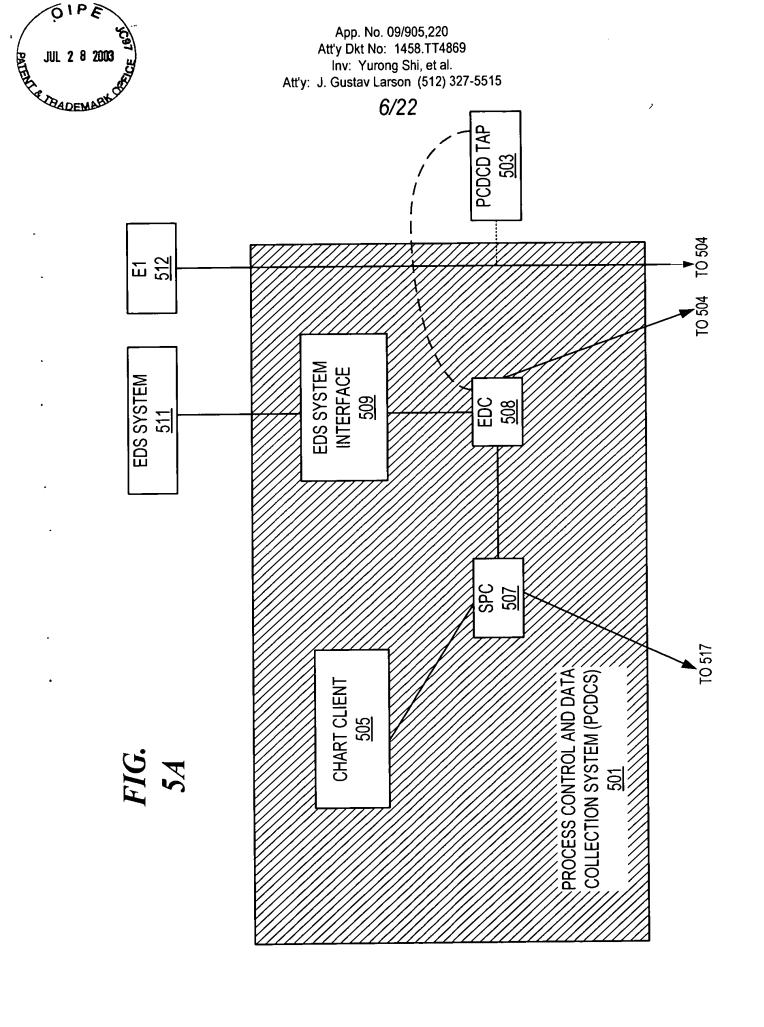
App. No. 09/905,220 Att'y Dkt No: 1458.TT4869 Inv: Yurong Shi, et al. Att'y: J. Gustav Larson (512) 327-5515



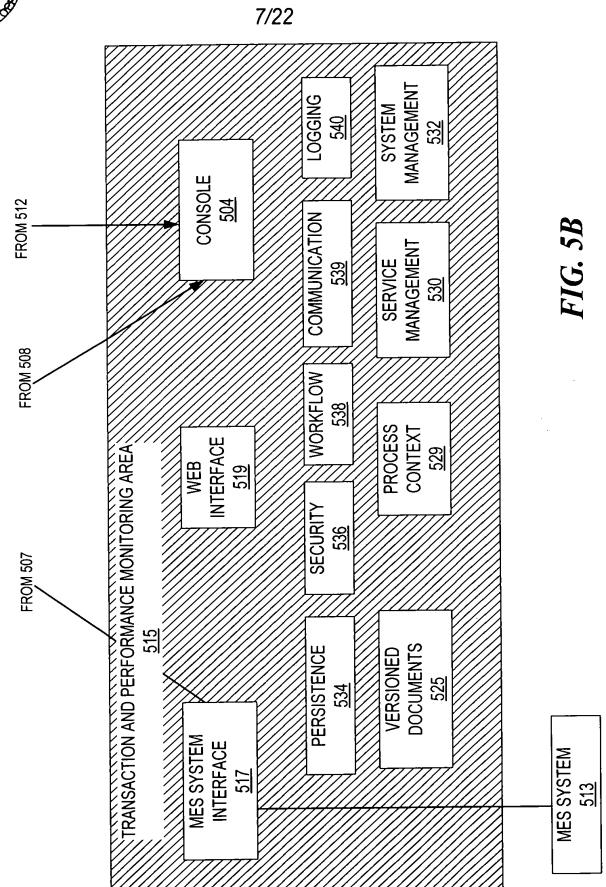




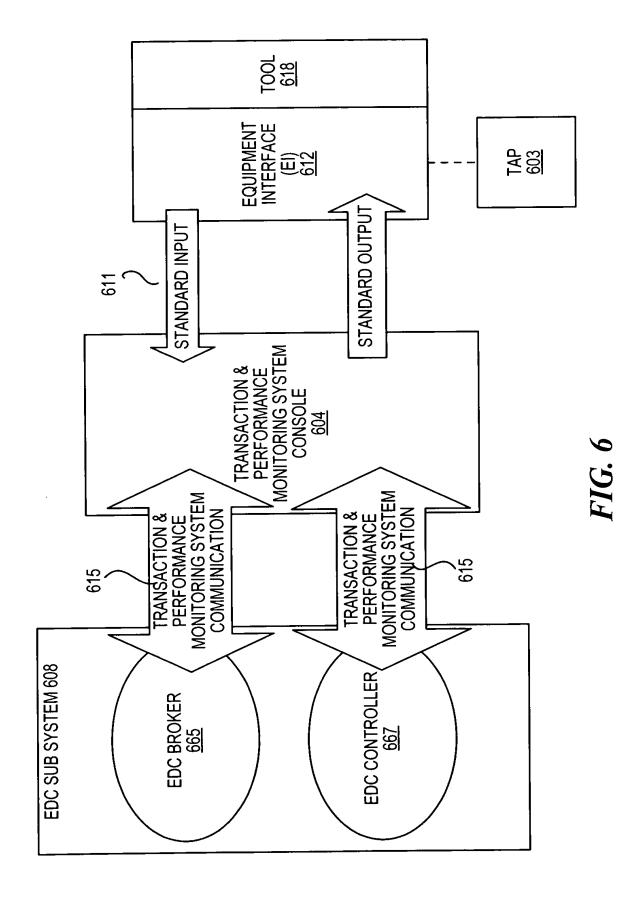












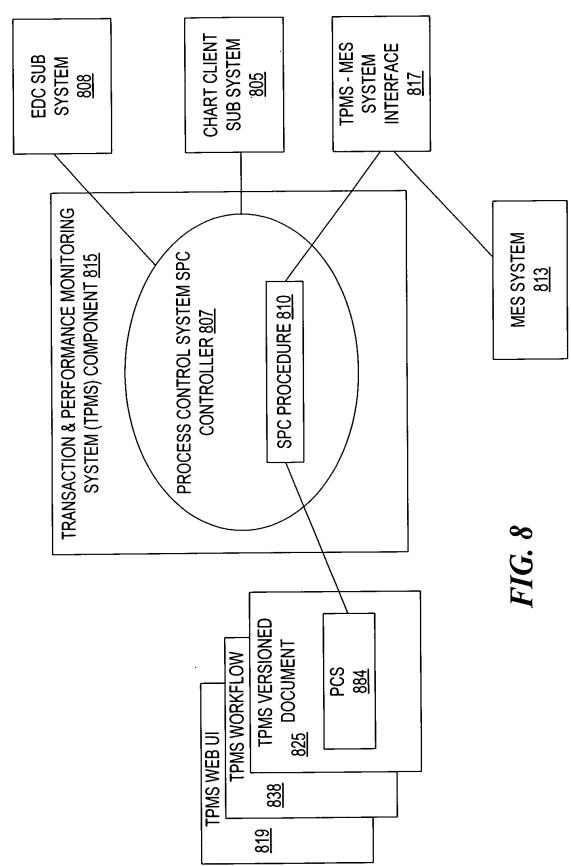
App. No. 09/905,220 Att'y Dkt No: 1458.TT4869 'HIL 2 8 2003 Inv: Yurong Shi, et al. Att'y: J. Gustav Larson (512) 327-5515 RADEMARK PAR 9/22 KEYBOARD DATA ENTRY CLIENT 704 **TPMS WEB UI** TAP SUB SYSTEM 703 EI CLIENT 795 EDC CONTROLLER EDC BROKER <u>765</u> SPC SUB SYSTEM 707 TRANSACTION & PERFORMANCE MONITORING SYSTEM (TPMS) COMPONENT 715 EDA SYSTEM INTERFACE SUB SYSTEM 709 DATA HISTORY <u>785</u> TPMS DATABASE <u>790</u> DCCS TPMS VERSIONED DOCUMENT 725 SS 202 TPMS WORKFLOW SPNS 780 SCES FIG. 7 TPMS WEB UI 738 719

101PE

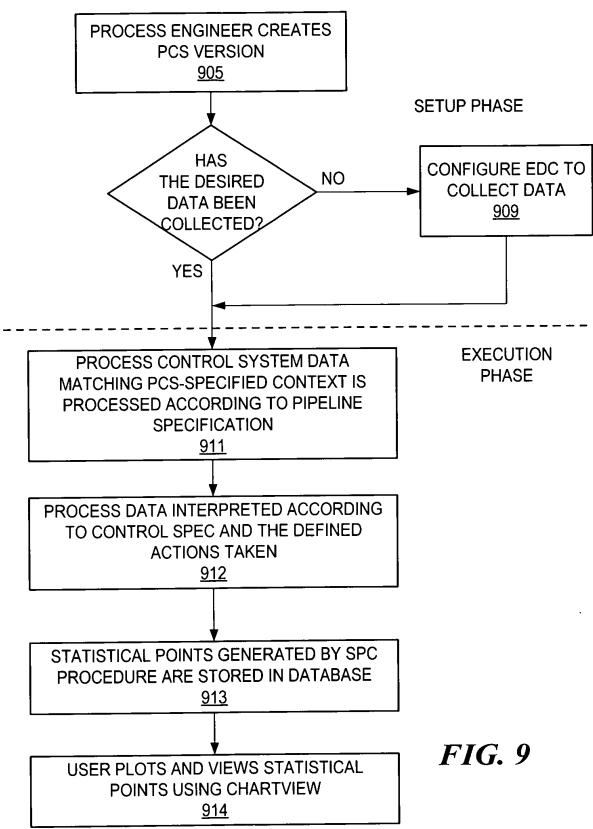


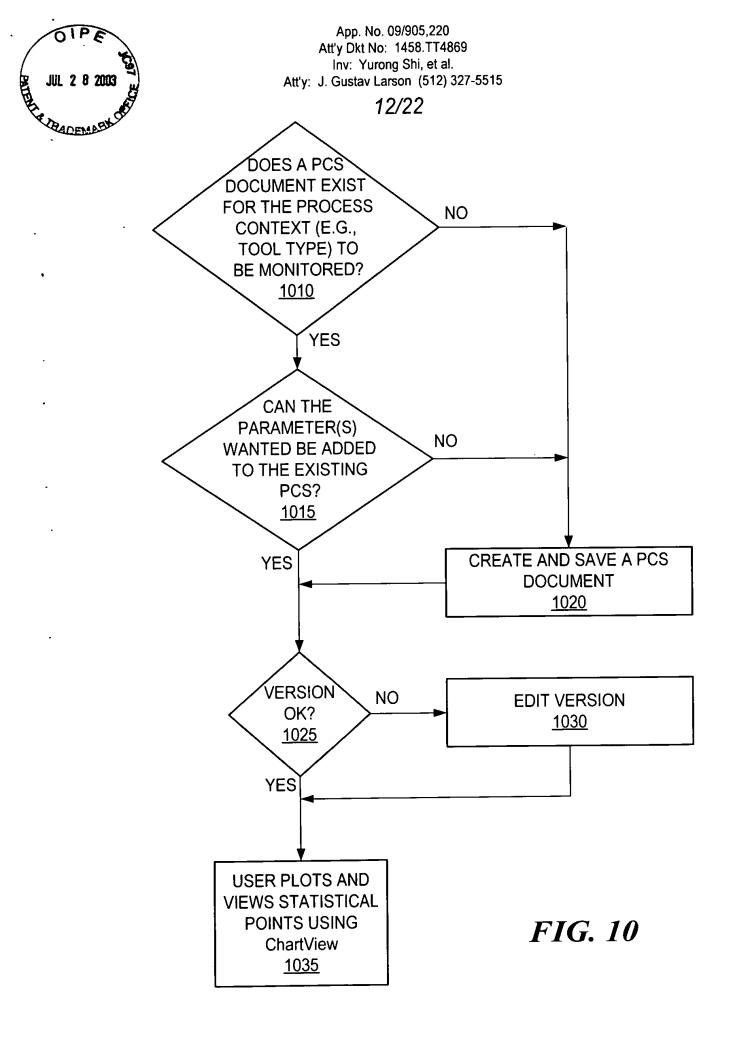
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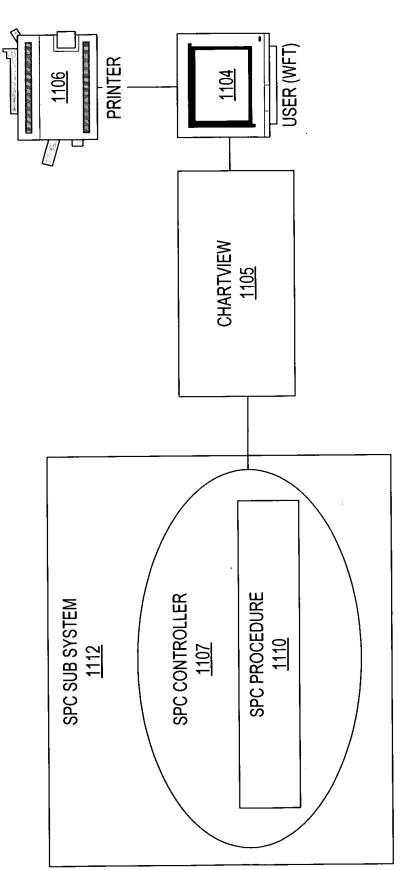
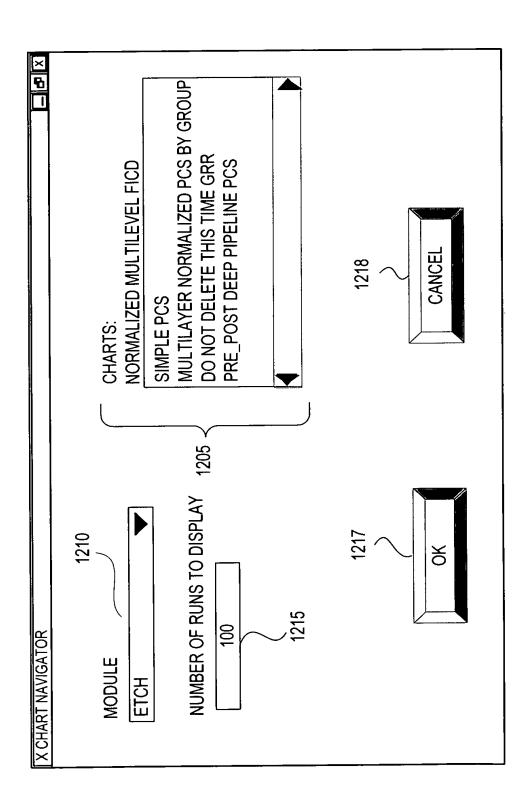


FIG. 11



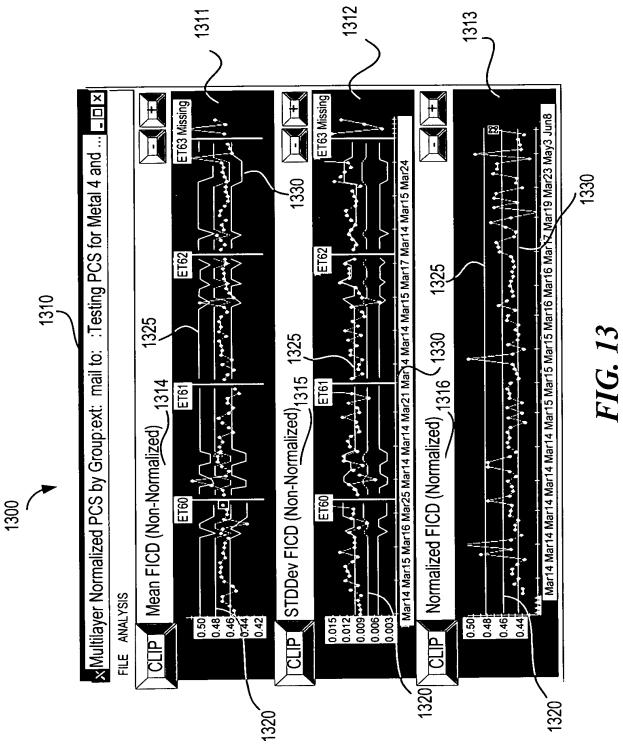
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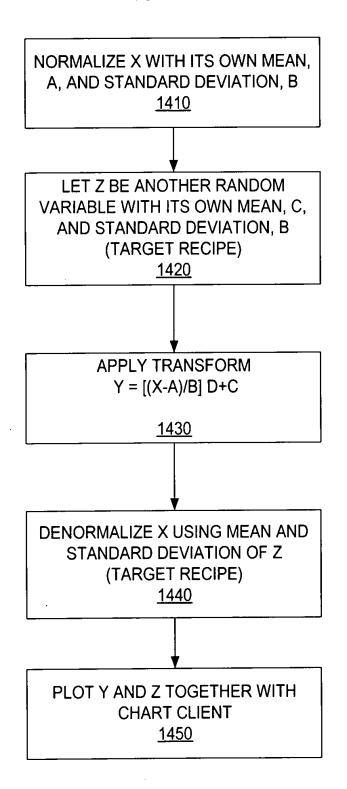


FIG. 14



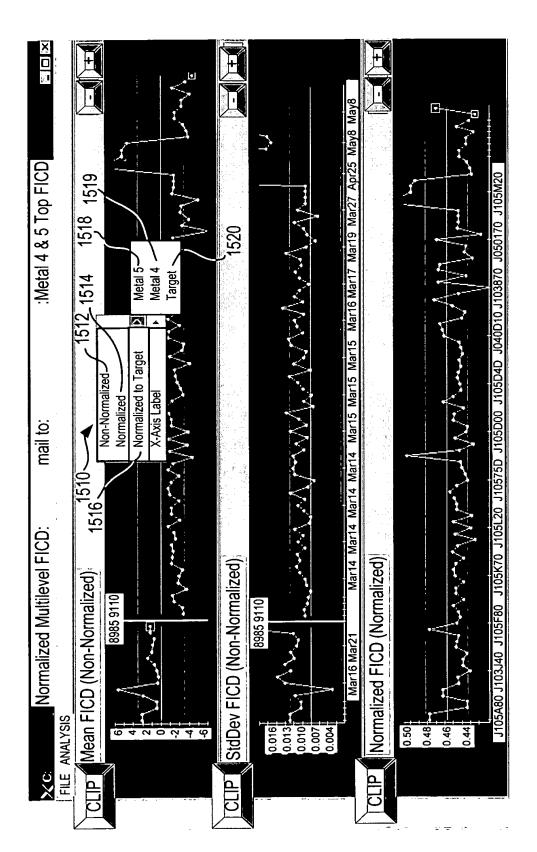


FIG. 15

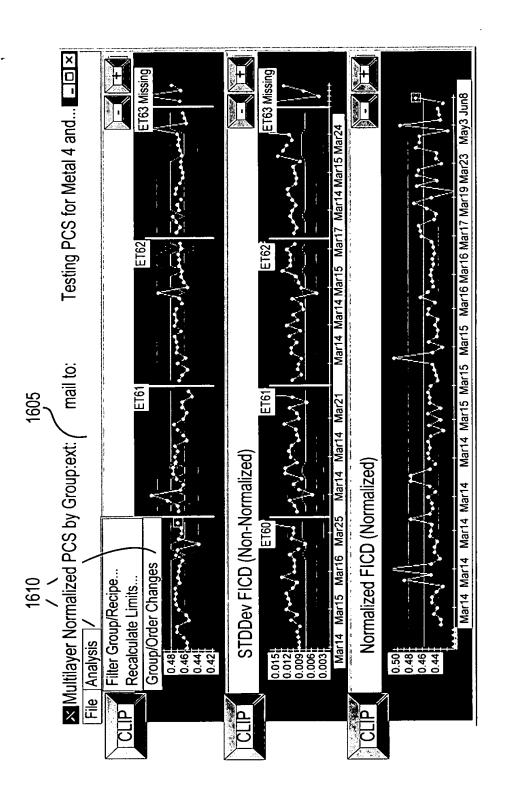


FIG. 16



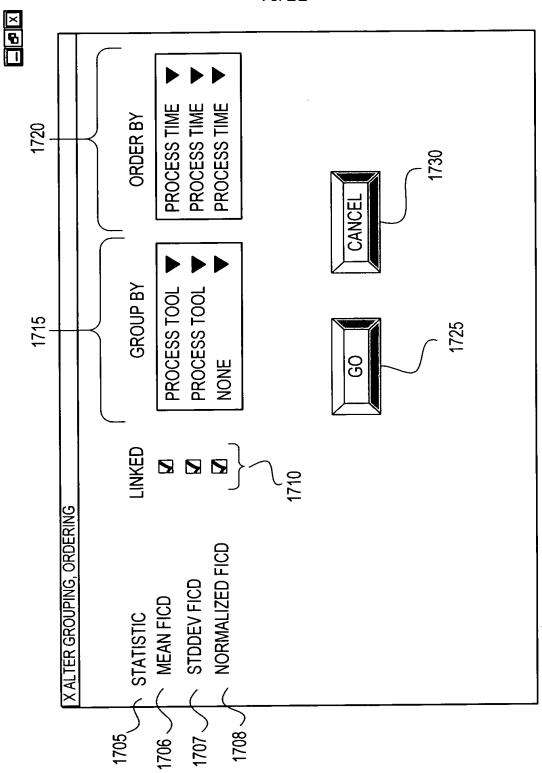
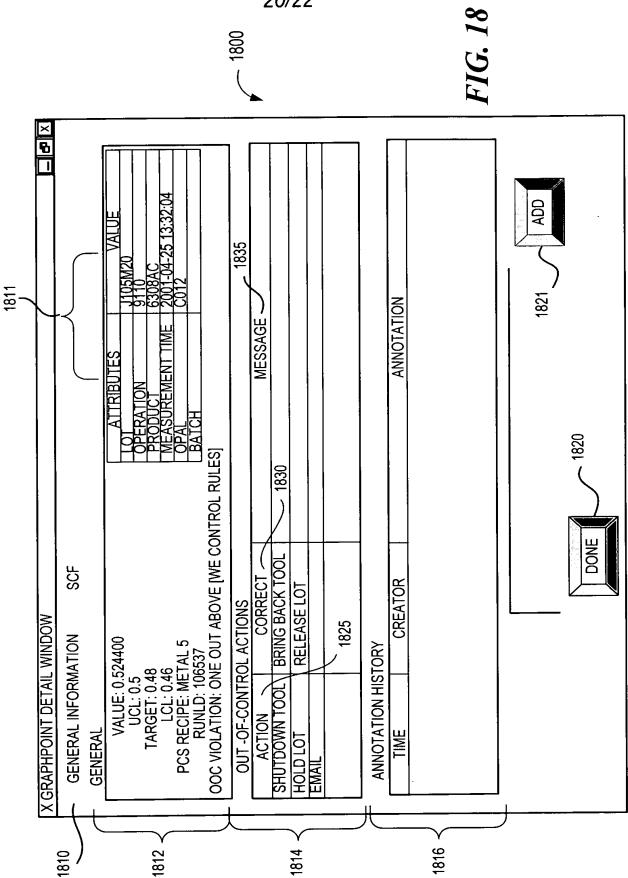


FIG. 17

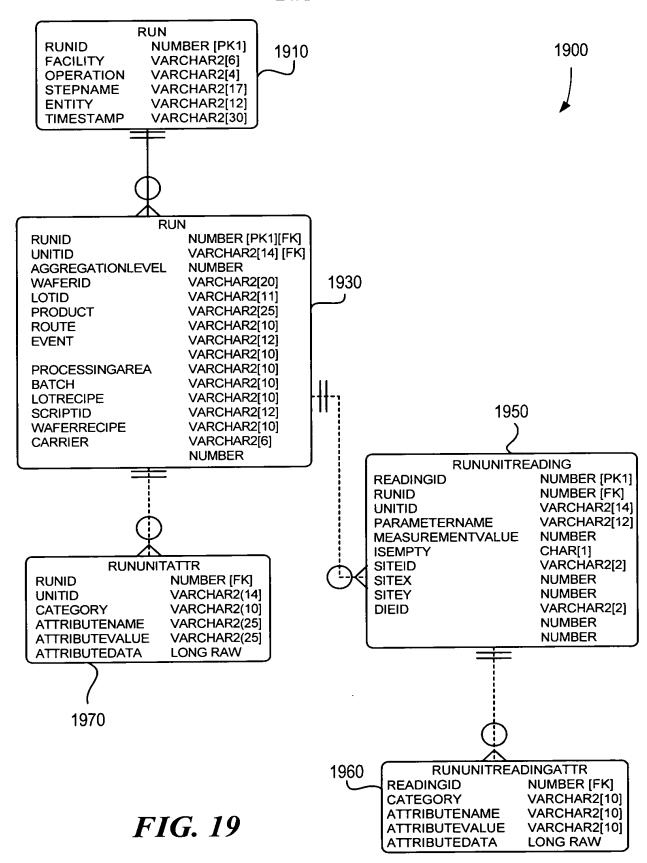
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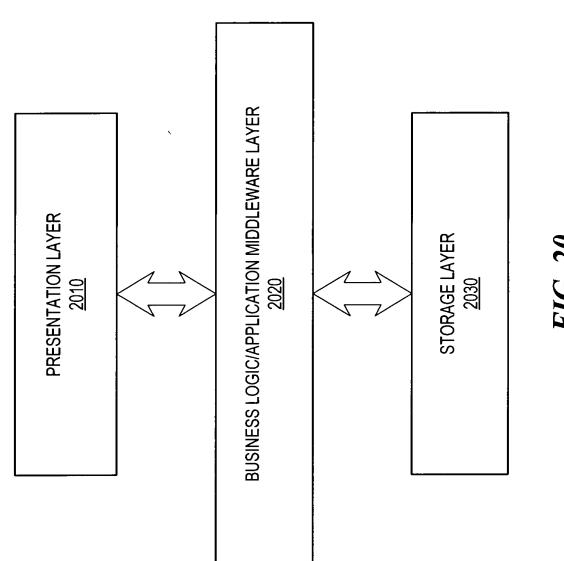


FIG. 20